

Amendment Pursuant to 37 CFR § 1.116
Docket No. D/98588
Attorney Docket No. 022.0363.US.UTL

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1 1. (currently amended): A system for identification and tracking of
2 tags distributed in a room, the system comprising[[]];
3 a laser base station for scanning laser beams through a portion of the
4 room[[]];
5 a tag reactive to incident laser beams to provide a data signal[[]]; and
6 a tag tracking system receiving input from the laser base station, the tag
7 tracking system storing state records of position and informational content of the
8 tag,
9 wherein the tag tracking system determines angular position of the tag
10 with respect to the laser base station.
- 1 2. (cancelled).
- 1 3. (currently amended): A system for identification and tracking of
2 tags distributed in a room, the system comprising[[]];
3 at least two laser base stations[[]];
4 a tag reactive to incident laser beams to provide a data signal[[]]; and
5 a tag tracking system receiving input from the at least two laser base
6 stations, the tag tracking system storing state records of position and
7 informational content of the tag,
8 wherein the tag tracking system determines an absolute position of the tag
9 in the room based on the input from the at least two laser base stations.
- 1 4. (original): The system of claim 1, wherein the tag is passive.

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1 5. (original): The system of claim 1, wherein the tag is active, having
2 an internal power supply to power a data broadcast element.

1 6. (original): The system of claim 1, wherein the tag is active, having
2 an internal power supply to power an optical data output element.

1 7. (original): The system of claim 1, wherein the tag is active, having
2 an internal power supply to power a radio data output element.

1 8. (original): The system of claim 1, wherein the tag is active, having
2 an internal power supply to power an acoustic data output element.

1 9. (previously amended): The system of claim 3, wherein the tag is
2 passive.

1 10. (previously amended): The system of claim 3, wherein the tag is
2 active, having an internal power supply to power a data broadcast element.

1 11. (previously amended): The system of claim 3, wherein the tag is
2 active, having an internal power supply to power an optical data output element.

1 12. (previously amended): The system of claim 3, wherein the tag is
2 active, having an internal power supply to power a radio data output element.

1 13. (previously amended): The system of claim 3, wherein the tag is
2 active, having an internal power supply to power an acoustic data output element.